

29. An isolated protease sensitive peptide consisting of the amino acid sequence:

R1-X1-X2-Asn-Asp-R2

wherein X1 and X2 can be the same or different amino acid residues, wherein R1 consists of 0 to about 7 amino acid residues, R2 consists of 0 to about 12 amino acid residues, and R1 and R2 can be the same or different peptides.

30. The isolated protease peptide of claim 29, wherein both X1 and X2 are Lys.

31. The isolated protease peptide of claim 29, consisting of the sequence of XCPXXEEKKNDRICTNCCAGXKG (SEQ ID NO: 16).

32. An isolated nucleic acid molecule encoding the isolated protease-sensitive peptide of any one of claims 29-31.

REMARKS

Applicants respectfully submit that new claims 29-32 are fully supported by the specification. For example, the specification at pages 9-10 discloses a protease sensitive peptide comprising the amino acid sequence:

R1-X1-X2-Asn-Asp-R2

wherein X1 and X2 can be any amino acid residues, and R1 and R2 can be the same or different peptides. The specification further discloses peptide X1-X2-Asn-Asp, which is a species of peptide R1-X1-X2-Asn-Asp-R2 when both R1 and R2 consist of 0 amino acid residues. Additionally, the specification discloses XCPXXEEKKNDRICTNCCAGXKG (SEQ ID NO: 16), which is a species of peptide R1-X1-X2-Asn-Asp-R2 when R1 consists of 7 amino acid residues and R2 consists of 12 amino acid residues. Accordingly, claims 29-32 are fully supported by the specification. No new matter is introduced.

Attached is a marked up version of the foregoing amendment showing the changes made to the claims, captioned "Version with Markings to Show Changes Made." It is respectfully submitted that the present case is in condition for examination on the merits, which action is earnestly solicited.

Respectfully submitted,



Frank S. DiGiglio
Registration No. 31,346

SCULLY, SCOTT, MURPHY & PRESSER
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

FSD/XZ:ab

Encl.: Version with Markings to Show Changes Made



Serial No.: 09/812,502
June 22, 2001

Version with Markings to Show Changes Made

In the Claims:

The following claims have been added:

29. An isolated protease sensitive peptide consisting the amino acid sequence:

R1-X1-X2-Asn-Asp-R2

wherein X1 and X2 can be the same or different amino acid residues, wherein R1 consists of 0 to about 7 amino acid residues, R2 consists of 0 to about 12 amino acid residues, and R1 and R2 can be the same or different peptides.

30. The isolated protease peptide of claim 29, wherein both X1 and X2 are Lys.

31. The isolated protease peptide of claim 29 consisting of the sequence of XCPXXEEKKNDRICTNCCAGXKG (SEQ ID NO: 16).

32. An isolated nucleic acid molecule encoding the isolated protease-sensitive peptide of any one of claims 29-31.